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P.D. 00-00-00	7
P. 1-7	

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CA COPYRIGHT 2004 ACS on STN
 AN 132:261663 CA
 ED Entered STN: 05 May 2000
 TI Industrial fungicidal mixtures contg. [(allyloxy)dichlorophenethyl]imidazole
 IN Kobayashi, Keiichi
 PA Permachem Asia, Ltd., Japan
 SO Jpn. Kokai Tokyo Koho, 11 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM A01N043-50
 ICS A01N037-34; A01N043-40; A01N043-78; A01N047-18
 CC 5-2 (Agrochemical Bioregulators)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000103709	A2	20000411	JP 1998-290017	19980928
PRAI	JP 1998-290017		19980928		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 2000103709	ICM	A01N043-50
	ICS	A01N037-34; A01N043-40; A01N043-78; A01N047-18

AB Fungicides that prevent the degrdn. and contamination of industrial raw materials and products by microorganisms, esp. molds, contain synergistic mixts. of (A) .gtoreq.1 compd. chosen from pyridinethiol-1-oxide or its metal salts, Me 2-benzimidazolecarbamate or its dodecylbenzenesulfonate, 2-(4-thiazolyl)benzimidazole, tetrachloroisophthalonitrile, 2,3,5,6-tetrachloro-4-(methylsulfonyl)pyridine and (B) 1-(.beta.-allyloxy-2,4-dichlorophenethyl)imidazole (ADPI) as the active components. The agents may contain an algicide also. Thus, a TBZ-ADPI (8:2) suspension was added at 5000 ppm to obtain a silicone sealing agent that did not mold during 4 wk of incubation on plating medium inoculated with several fungal species.

BT industrial fungicide allyloxychlorophenethylimidazole mixt; imidazole allyloxychlorophenethyl industrial fungicide mixt

IT Algicides

(industrial synergistic fungicide mixts. contg.)

IT Coating materials

Sealing compositions

(industrial synergistic fungicide mixts. for)

IT Acrylic polymers, uses

RL: TEM (Technical or engineered material use); USES (Uses)

(industrial synergistic fungicide mixts. for coatings)

IT Polysiloxanes, uses

RL: TEM (Technical or engineered material use); USES (Uses)

(industrial synergistic fungicide mixts. for sealing compns.)

IT Fungicides

(industrial, synergistic; [(allyloxy)dichlorophenethyl]imidazole-contg. mixts. as)

IT 61392-42-5 65280-23-1 65280-28-6 65280-33-3 70746-92-8

263566-09-2	263566-10-5	263566-11-6	263566-12-7	263566-13-8
263566-14-9	263566-15-0	263566-16-1	263566-17-2	263566-18-3
263566-19-4	263566-20-7	263566-21-8	263566-22-9	263566-23-0
263566-24-1	263566-25-2	263566-26-3	***263566-27-4***	
263566-28-5	***263566-29-6***	263566-30-9	263566-31-0	
263566-32-1	263566-33-2	263566-34-3		

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(as industrial synergistic fungicide)

IT 35554-44-0D, mixts.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(as industrial synergistic fungicides)

263566-29-6 REGISTRY

2-Pyridinethiol, 1-oxide, sodium salt, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine and
1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole (9CI) (CA
INDEX NAME)

R CA INDEX NAMES:

1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-, mixt. contg. (9CI)

1H-Imidazole, 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy)ethyl]-, mixt. contg. (9CI)

C14 H14 Cl2 N2 O . C11 H19 N5 S . C5 H5 N O S . Na

MXS

CA

STN Files: CA, CAPLUS

A Caplus document type: Patent

Roles from patents: BIOL (Biological study); USES (Uses)

CM 1

CRN 35554-44-0

CMF C14 H14 Cl2 N2 O

.N:

C: C

C....N.

CH2

CHO.....CH2.....CH :::::::CH2

07.10.2004 16:45:

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C : C
C :

@ Na

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 263566-27-4 REGISTRY

CN Zinc, bis[1-(hydroxy-.kappa.O)-2(1H)-pyridinethionato-.kappa.S2]-
(T-4)-,

mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-
triazine-2,4-diamine and 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy)ethyl]-
1H-imidazole (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-
(methylthio)-, mixt. contg. (9CI)

CN 1H-Imidazole, 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy)ethyl]-, mixt.
contg. (9CI)

MF C14 H14 Cl2 N2 O . C11 H19 N5 S . C10 H8 N2 O2 S2 Zn

CI MXS

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); USES (Uses)

CM 1

CRN 35554-44-0

CMF C14 H14 Cl2 N2 O

.N:
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C: C
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C....N.
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CH2

$$\text{CH} \cdots \cdots \text{O} \cdots \cdots \text{CH}_2 \cdots \cdots \text{CH} :: :: :: \text{CH}_2$$

C1

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C **C**

C: . C

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c1

CM 2

CRN 28159-98-0

CMF C11 H19 N5 S

.C.

. N: . SMe

$$\text{C} \cdots \text{C} \cdots \text{NH} \cdots \text{C} : \quad \text{C}$$
$$N: \quad : N$$

C

NHBu-t

CM 3

CRN 13463-41-7

CMF C10 H8 N2 O2 S2 Zn

CCI CCS

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S:.....C. :C
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C: . N . Zn 2+ N. :C
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C: .C:.....S
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C

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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